



## N Male Connector Crimp/Solder Attachment for PE-B400, PE-B405, PE-C400, LMR-400, 0.400 inch

### RF Connectors Technical Data Sheet

PE4550

#### Configuration

- N Male Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- PE-B400, PE-B405, PE-C400, LMR-400, .400 inch
- Interface Type
- Crimp/Solder Attachment

#### Features

- Max. Operating Frequency 6 GHz
- Good VSWR of 1.3:1
- Silver Plated Brass Contact
- 70  $\mu$ in minimum contact plating

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

Pasternack's PE4550 type N male connector with crimp/solder attachment for PE-B400, PE-B405, PE-C400, LMR-400 and .400 inch is part of our full line of RF components available for same-day shipping. Our type N male connector operates up to a maximum frequency of 6 GHz and offers good VSWR of 1.3:1.

Our type N male connector PE4550 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
VSWR			1.3:1	
Operating Voltage (AC)			600	Vrms

#### Mechanical Specifications

Size	
Length	1.505 in [38.23 mm]
Width/Dia.	0.827 in [21.01 mm]
Weight	0.072 lbs [32.66 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Connector Crimp/Solder Attachment for PE-B400, PE-B405, PE-C400, LMR-400, 0.400 inch PE4550](#)



## N Male Connector Crimp/Solder Attachment for PE-B400, PE-B405, PE-C400, LMR-400, 0.400 inch

### RF Connectors Technical Data Sheet

PE4550

#### Material Specifications

Description	Material	Plating
Contact	Brass	Silver 70 $\mu$ in minimum
Insulation	PTFE	
Body	Brass	Nickel 100 $\mu$ in minimum
Coupling Nut	Brass	Nickel 100 $\mu$ in minimum
Crimp Sleeve	Brass	Nickel

#### Environmental Specifications

##### Temperature

Operating Range

-65 to +165 deg C

#### Compliance Certifications (see [product page](#) for current document)

#### Plotted and Other Data

Notes:

N Male Connector Crimp/Solder Attachment for PE-B400, PE-B405, PE-C400, LMR-400, 0.400 inch from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

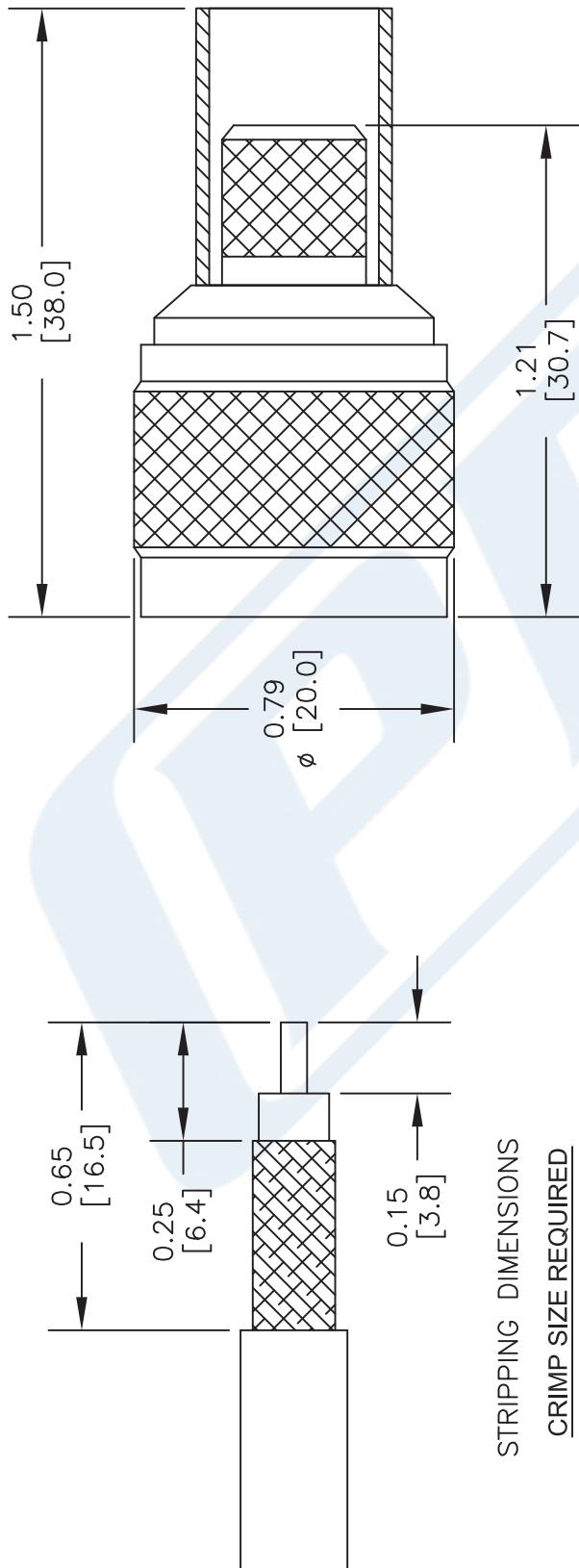
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Connector Crimp/Solder Attachment for PE-B400, PE-B405, PE-C400, LMR-400, 0.400 inch PE4550](#)

URL: <https://www.pasternack.com/n-male-standard-pe-b400-pe-b405-pe-c400-connector-pe4550-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

# PE4550 CAD Drawing

N Male Connector Crimp/Solder Attachment for PE-B400,  
PE-B405, PE-C400, LMR-400, 0.400 inch



STRIPPING DIMENSIONS  
CRIMP SIZE REQUIRED

CONTACT: SOLDER  
FERRULE: .429" HEX CRIMP TOOL

**PE** THE ENGINEER'S RF SOURCE

Pasternack Enterprises, Inc.  
P.O. Box 16759 | Irvine | CA | 92623

Phone: (949) 261-1920 | Fax: (949) 261-7451

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DWG TITLE	PE4550
FSCM NO.	53919

NOTES:  
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.  
3. DIMENSIONS ARE IN INCHES [mm].  
4. FITS MIL-C-17 AND EQUIVALENT CABLES.

CAD FILE 052714 SCALE N/A SIZE A 2233



N Male Connector Crimp/Solder Attachment for PE-C400, PE-B400, PE-B405, LMR-400, LMR-400-DB, LMR-400-UF, 0.400 inch

## RF Connectors Technical Data Sheet

PE44522

### Configuration

- N Male Connector
- 50 Ohms
- Straight Body Geometry
- PE-C400, PE-B400, PE-B405, LMR-400, LMR-400-

- DB, LMR-400-UF, 0.400 inch Interface Type
- Crimp/Solder Attachment
- 18 mm Hex

### Features

- Max. Operating Frequency 11 GHz
- Gold Plated Brass Contact

- 15  $\mu$ in minimum contact plating

### Applications

- General Purpose Test
- Custom Cable Assemblies

### Description

Pasternack's PE44522 type N male connector with crimp/solder attachment for PE-C400, PE-B400, PE-B405, LMR-400, LMR-400-DB, LMR-400-UF and 0.400 inch is part of our full line of RF components available for same-day shipping. Our type N male connector operates up to a maximum frequency of 11 GHz.

Our type N male connector PE44522 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		11	GHz

### Mechanical Specifications

Size	
Length	1.48 in [37.59 mm]
Width/Dia.	0.83 in [21.08 mm]
Weight	0.075 lbs [34.02 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Connector Crimp/Solder Attachment for PE-C400, PE-B400, PE-B405, LMR-400, LMR-400-DB, LMR-400-UF, 0.400 inch PE44522](#)



N Male Connector Crimp/Solder Attachment for PE-C400, PE-B400, PE-B405, LMR-400, LMR-400-DB, LMR-400-UF, 0.400 inch

## RF Connectors Technical Data Sheet

PE44522

### Material Specifications

Description	Material	Plating
Contact	Brass	Gold 15 $\mu$ in minimum
Insulation	PTFE	
Body	Brass	Tri-Metal
Coupling Nut	Brass	Tri-Metal

### Environmental Specifications

#### Temperature

Operating Range

-65 to +165 deg C

### Compliance Certifications (see product page for current document)

### Plotted and Other Data

Notes:

N Male Connector Crimp/Solder Attachment for PE-C400, PE-B400, PE-B405, LMR-400, LMR-400-DB, LMR-400-UF, 0.400 inch from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

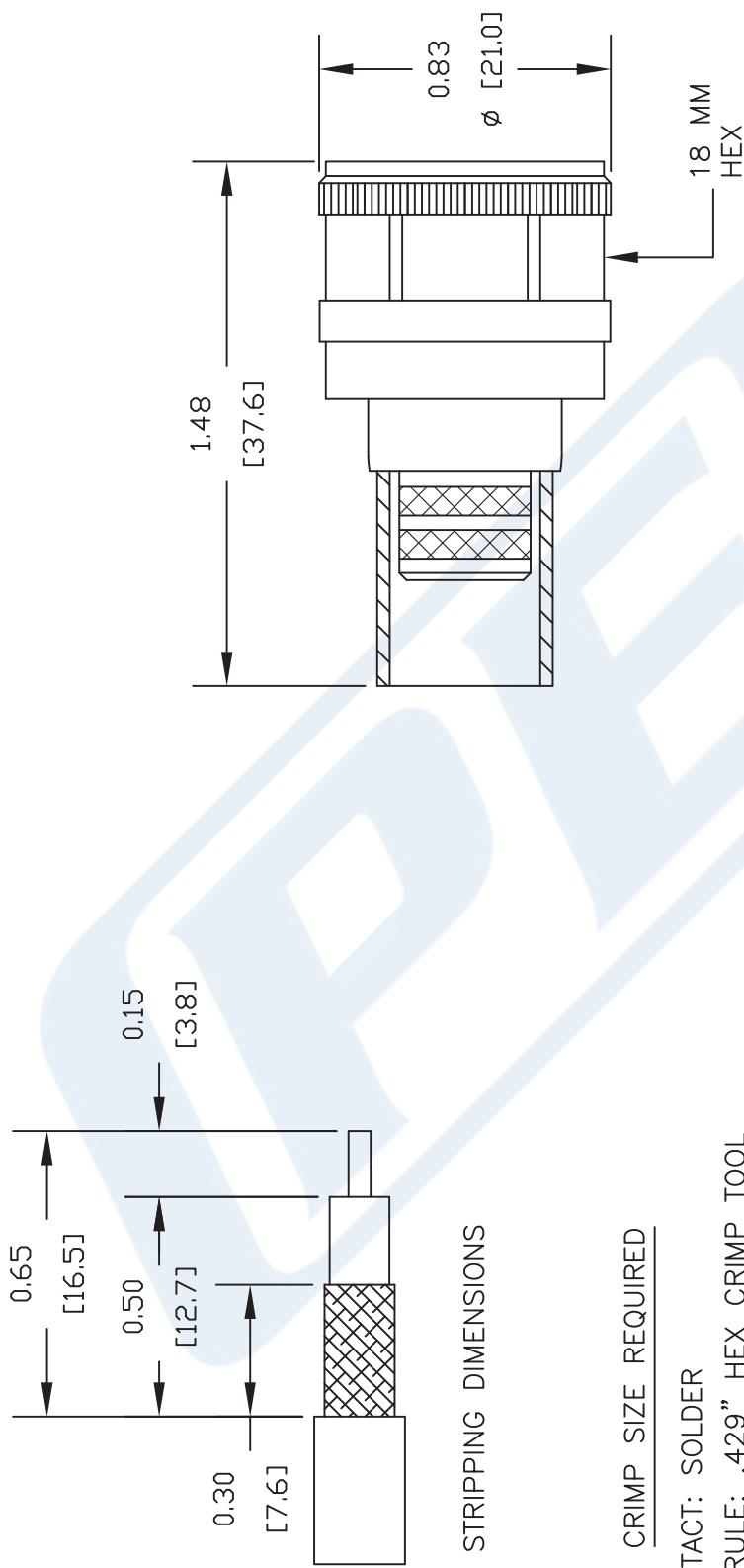
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Connector Crimp/Solder Attachment for PE-C400, PE-B400, PE-B405, LMR-400, LMR-400-DB, LMR-400-UF, 0.400 inch PE44522](#)

URL: <https://www.pasternack.com/n-male-standard-pe-c400-0.400-connector-pe44522-p.aspx>

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# PE44522 CAD Drawing

N Male Connector Crimp/Solder Attachment for PE-C400, PE-B400, PE-B405, LMR-400, LMR-400-DB, LMR-400-UF, 0.400 inch



CONTACT: SOLDER  
FERRULE: .429" HEX CRIMP TOOL

**PE PASTERNACK**  
Pasternack Enterprises, Inc.

P.O. Box 16759 | Irvine | CA | 92623  
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Website: [www.pasternack.com](http://www.pasternack.com) | E-Mail: [sales@pasternack.com](mailto:sales@pasternack.com)

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4. FITS MIL-C-17 AND EQUIVALENT CABLES.

REV. C	FSCM NO.	53919	CAD FILE	081711	SCALE N/A	SIZE A	2231
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## Flexible RG8 Type with Foam Dielectric Coax Cable Double Shielded with Black PVC Jacket

### TECHNICAL DATA SHEET

PE-B400

Flexible RG8 Type with Foam Dielectric Coax Cable Double Shielded with Black PVC Jacket

#### Configuration

Inner Conductor Material and Plating	Copper
Dielectric Type	PE (F)
Shield Materials	Aluminum Tape, Tinned Copper Braid
Jacket Material and Color	PVC, Black

#### Electrical Specifications

Impedance, Ohms	50
Maximum Operating Frequency, GHz	4
Capacitance, pF/ft [pF/m]	26 [85.3]
Maximum Operating Voltage, Volts	600

#### Electrical Specifications by Frequency

##### Frequency 1

Frequency, MHz	10
Attenuation, dB/100ft [dB/100m]	0.5 [1.64]
Power Handling, KWatts	3

##### Frequency 2

Frequency, MHz	400
Attenuation, dB/100ft [dB/100m]	3.5 [11.48]
Power Handling, Watts	325

##### Frequency 3

Frequency, MHz	700
Attenuation, dB/100ft [dB/100m]	5 [16.4]
Power Handling, Watts	225

##### Frequency 4

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	6 [19.69]
Power Handling, Watts	190

##### Frequency 5

Frequency, GHz	4
Attenuation, dB/100ft [dB/100m]	13 [42.65]
Power Handling, Watts	65

#### Mechanical Specifications

##### Temperature

Operating Range, deg C	-40 to +80
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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG8 Type with Foam Dielectric Coax Cable Double Shielded with Black PVC Jacket PE-B400](#)

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## Flexible RG8 Type with Foam Dielectric Coax Cable Double Shielded with Black PVC Jacket

### TECHNICAL DATA SHEET

PE-B400

#### Inner Conductor

Number of Strands 1  
Material Copper  
Diameter, in [mm] 0.103 [2.62]

#### Dielectric:

Type PE (F)  
Diameter, in [mm] 0.285 [7.24]

#### Shield:

Number of 2  
Material 1 Aluminum Tape  
Material 2 Tinned Copper Braid

#### Jacket:

Material PVC  
Diameter, in [mm] 0.403 [10.24]  
Color Black  
Weight, lbs/ft [Kg/m] 0.112 [0.17]

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

#### Plotted and Other Data

Notes: Values at 25 °C, sea level

Flexible RG8 Type with Foam Dielectric Coax Cable Double Shielded with Black PVC Jacket from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

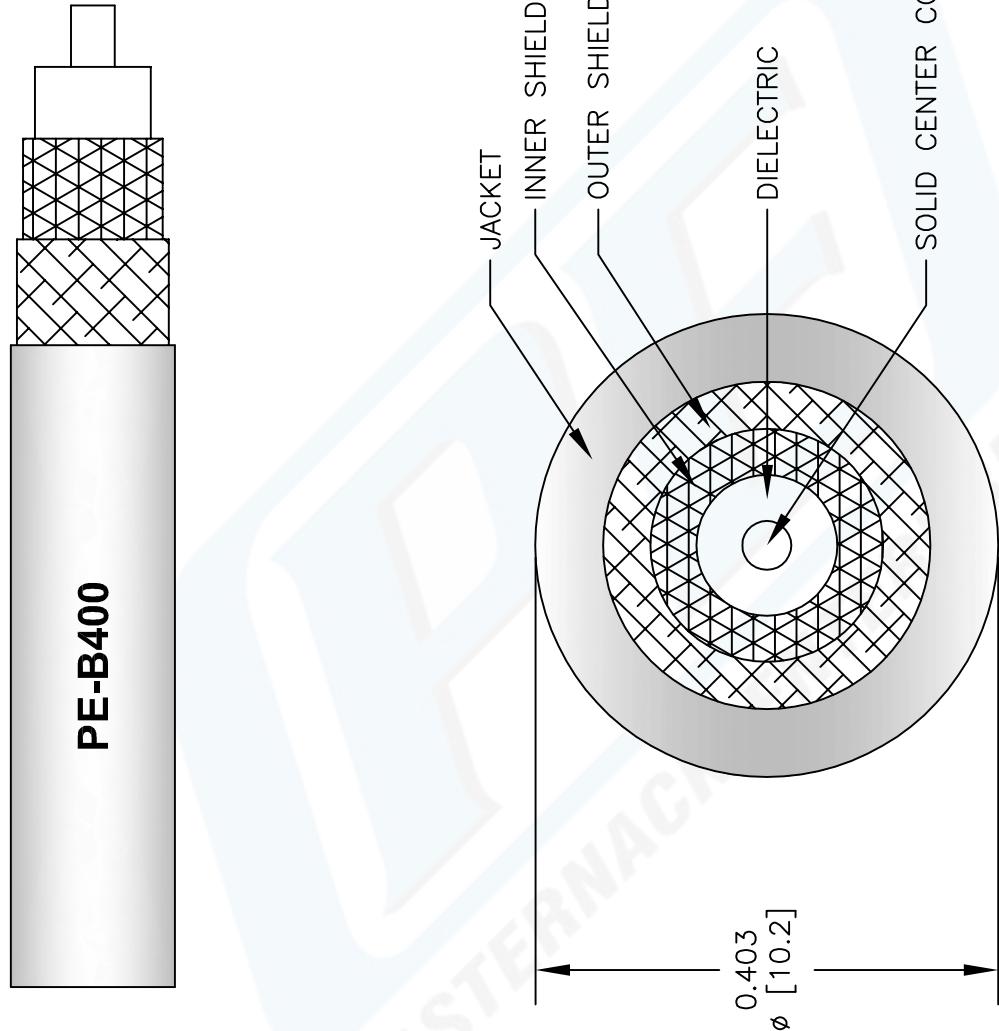
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG8 Type with Foam Dielectric Coax Cable Double Shielded with Black PVC Jacket PE-B400](http://www.pasternack.com/flexible-0.403-rg8-type-50-ohm-coax-cable-pvc-jacket-pe-b400-p.aspx)

URL: <http://www.pasternack.com/flexible-0.403-rg8-type-50-ohm-coax-cable-pvc-jacket-pe-b400-p.aspx>

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# PE-B400 CAD Drawing

Flexible RG8 Type with Foam Dielectric Coax Cable  
Double Shielded with Black PVC Jacket



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DWG TITLE	PE-B400	CAD FILE	040113-A	SCALE	N/A	SIZE	A	127
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